



DECLARATION OF PERFORMANCE

No. 130

1. Unique identification code of the product-type:

charBIT[®] R13 VLIES

Product type name alternatives: R13 VLIES

2. Intended use:

a) Flexible sheets for waterproofing – Reinforced bitumen sheets for roof waterproofing

(EN 13707:2004+A2:2009)

b) Flexible sheets for waterproofing – Definitions and characteristics of underlays –

Part 1: Underlays for discontinuous roofing

(EN 13859-1:2010)

It is used as a separation layer on an underlay sheet under roof shingles.

3. Manufacturer:

Charvát a.s., Družstevní 289, 517 42 Doudleby nad Orlicí, Czech Republic, tel.: +420 494 383 431

4. Authorised representative:

The manufacturer has no representative on the market.

5. Systems of AVCP:

System 2+ *(EN 13707:2004+A2:2009)*

System 3 *(EN 13859-1:2010)*

6a. Harmonised standard:

a) EN 13707:2004+A2:2009

b) EN 13859-1:2010

Notified body:

Technický a zkušební ústav stavební Praha, s.p.

Oznámený subjekt 1020

Notified Body carried out a supervision including assessing and evaluating the management system in terms of the ability of the system to ensure achievement of the declared product performance according to System 2+ and issued Certificate of Production Management Conformity No. 1020-CPR-050015906.

6b. European Assessment Document:

Not applicable.



7. Declared performances:

Essential characteristics	Performance	Harmonised technical specification
External fire performance	B _{ROOF} (t1)	EN 13707:2004+A2:2009
Reaction to fire	class E	
Watertightness	pass	
Tensile properties:		
Tensile strength in longitudinal direction	≥400 N/50 mm	
Tensile strength in transverse direction	≥200 N/50 mm	
Elongation in longitudinal direction	≥2 %	
Elongation in transverse direction	≥2 %	
Resistance to roof penetration	NPD	
Resistance to static loading	2 kg	
Resistance to impact	300 mm	
Resistance to tearing (nail shank)	≥40 N	
Joint strength	NPD	
Durability		
Artificial ageing behaviour:		
Flexibility at low temperature (pliability)	0°C	
Flow resistance at elevated temperature	70°C	
Flexibility at low temperature (pliability)	0°C	
Dangerous substances*	-	

*The product contains no hazardous substances.

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire	class E	EN 13859-1:2010
Water penetration resistance	class W1	
Tensile properties:		
Tensile strength in longitudinal direction	≥400 N/50 mm	
Tensile strength in transverse direction	≥200 N/50 mm	
Elongation in longitudinal direction	≥2 %	
Elongation in transverse direction	≥2 %	
Resistance to tearing (nail shank)	≥40 N	
Flexibility at low temperature (pliability)	0°C	
Durability		
Artificial ageing behaviour:		
Water penetration resistance	class W1	
Tensile properties		
- Tensile strength in longitudinal direction	≥350 N/50 mm	
- Tensile strength in transverse direction	≥150 N/50 mm	
- Elongation in longitudinal direction	≥1,5 %	
- Elongation in transverse direction	≥1,5 %	
Dangerous substances*	-	

*The product contains no hazardous substances.



8. Appropriate Technical Documentation and/or Specific Technical Documentation:

Not applicable.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacture identified above.

Signed for and on behalf of the manufacturer by:

Jindra Kynclová, sales director



At Doudleby nad Orlicí on 2.5.2019

CHARVÁT
akciová společnost
Družstevní 289
517 42 Doudleby nad Orlicí
(P.V.)